Panasonic
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Compact Colour Surveillance Camera
with 22x Zoom Lens
WV-CZ352

Take a Closer Look. The 22x Optical Zoom Compact Colour Camera.

With a compact body measuring only 62 mm (W) x 119 mm (D) the new WV-CZ352 incorporates a fully integrated 22x optical zoom lens. Combined with 10x electronic zoom, it allows you to zoom in up to 220x for closer surveillance.

This camera is also fully loaded with other advanced features: Automatic switching from colour to monochrome supports 24-hour surveillance. Horizontal resolution in High Mode is 510 TV lines in colour, 570 TV lines in monochrome. This super-sensitive camera can operate in colour in lighting as low as 1 lux and in monochrome in lighting as low as 0.03 lux*. Linear 32x Electronic Sensitivity Enhancement keeps images clear. Additional image enhancement features include Back Light Compensation (BLC), Digital Noise Reduction (DNR), and Automatic Gain Control (AGC), ensuring visibility for even small details. Plus, the surveillance feature list includes 4 Masked Privacy Zones, Digital Motion Detector, up to 64 Preset Positions, Image Hold, Camera Title Display, Password-lock, Mirror and Up-Side-Down view. There's an alarm output terminal on the back of the camera, making it simple to add an external sensor or other external surveillance equipment. Control interfaces include Multiplex-coaxial, RS-485, Lens control, and A-D control.

The high-quality, compact WV-CZ352 is ideal for a wide range of applications in which reliable surveillance is a must — from apartment buildings and shopping malls, to banks, office buildings and hotels. Whatever your application, take a closer, sharper look with the WV-CZ352.

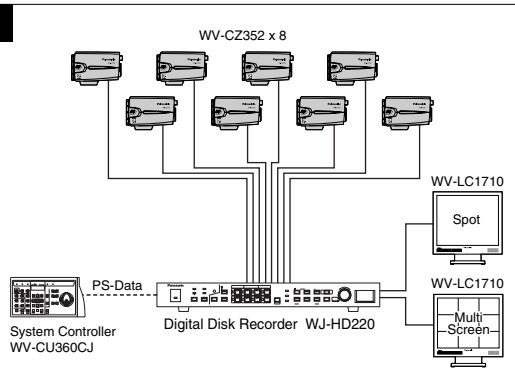
(*with Pix Sens Up x2 AUTO, Sens Up Off: AGC High)

KEY FEATURES

- 1/4-type CCD pick-up element with 752 (H) x 582 (V) pixels.
- 510 TV lines at colour (High) and 570 TV lines at B/W imaging horizontal resolution.
- Minimum illumination of,
  1 lux at colour mode (Sens Up Off: AGC High)
  0.06 lux at B/W mode (Pix Sens Up Off: Sens Up Off: AGC High)
  0.03 lux at B/W mode (Pix Sens Up x2 AUTO: Sens Up Off: AGC High)
- Day/Night operation can be selected to automatically or manually switch from colour to B/W.
- 22x optical zoom lens (3.79 - 83.4 mm at F1.6) plus 10x electronic digital zoom for total zoom capacity of 220x.
- Auto focus lens.
- Privacy zone masking function (Four (4) privacy zones can be masked).
- Built-in digital motion detector and alarm output.
- Up to 64 preset lens positions.
- Image hold function.
- 16-alphanumeric character display.
- Back Light Compensation (BLC) mode selector.
- Digital Noise Reduction (DNR) function.
- Electronic shutter from 1/50 (Off) to 1/10,000 sec.
- Linear 32x electronic sensitivity enhancement function (Auto/Fix).
- Signal to noise ratio of 50dB.
- Password-lock function for user management protection.
- Built-in Mirror and Up-Side-Down functions for special imaging needs.
- Multiplex-coaxial or RS-485 data communication.
- Internal or Multiplexed Vertical Drive (VD2) synchronization.
- 12V DC operation.

SYSTEM EXAMPLES

1



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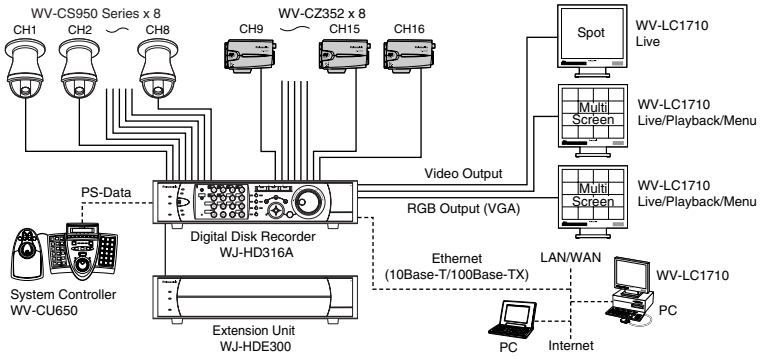
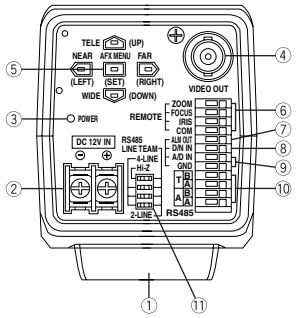


SPECIFICATIONS PAL CCIR

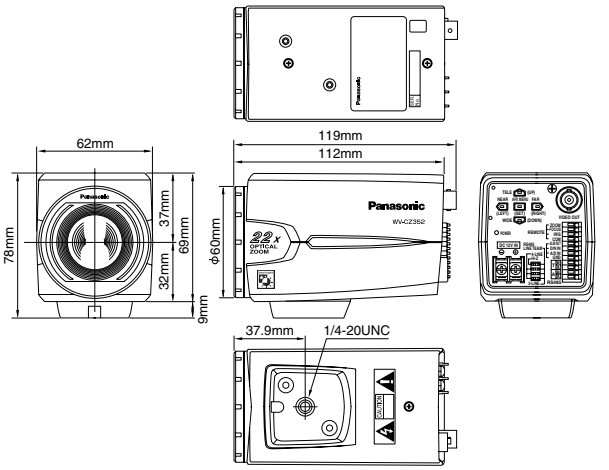
Model No.	WV-CZ352
Pick-up Device	752 (H) x 582 (V) pixels
Scanning Area	3.65 (H) x 2.71 (V) mm, (1/4-type CCD)
Synchronization	Internal / Multiplexed Vertical Drive (VD2)
Horizontal Scanning Frequency	15.625 kHz
Vertical Scanning Frequency	50.00 Hz
Video Output	1.0 V [p-p] PAL composite / 75Ω
Horizontal Resolution	More than 480 TV lines (Colour, NORMAL) More than 510 TV lines (Colour, HIGH) 570 TV lines (B/W)
Vertical Resolution	More than 400 lines
S/N Ratio	50 dB (AGC On, Weight On)
Minimum Illumination (Colour)	1 lux (Sens Up Off, AGC High)
Minimum Illumination (B/W)	0.06 lux (Pix Sens Up Off, AGC High) 0.03 lux (Pix Sens Up x2 AUTO, Sens Up Off, AGC High)
Zoom Speed	Approx. 4.5 s (TELE / WIDE) in manual mode
Focus Speed	Approx. 5 s (FAR / NEAR) in manual mode
Iris	Automatic (OPEN / CLOSE is possible) / manual
Maximum Aperture Ratio	1:1.6 (WIDE) ~ 3.0 (TELE)
Focal Length	3.79 ~ 83.4 mm
Angular Field of View H	2.6° ~ 52.3°
Angular Field of View V	2.0° ~ 39.9°
Electronic Shutter	1/50 (Off), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec.
AGC	On (LOW), On (MID), On (HIGH), Off
Electronic Sensitivity Up	Max. 32x, (Auto / Fix)
BLC	Selectable On / Off (SETUP MENU)
Zoom Ratio	Optical 22x plus 10x Electronic zoom
Iris Range	F1.6 ~ 22, Close
Auto Focus	Manual / STOP AF / AUTO
Camera ID	preset ID, camera ID, up to 16 characters
Motion Detector	On / Off
Day / Night In	Input pulled up to 5.0 V DC Off (open or 4 V DC - 5 V DC) / On (0 V 0.2 mA)
Alarm OUT	Up to 16 V DC 100 mA Off (OPEN) / On (0 V)
B/W Mode	AUTO / ON / OFF / EXT
Privacy Zone	On / Off, up to 4 zones
Control	Coaxial Cable / RS-485 / Lens Control / A-D Control
Power Source	12 V DC
Power Consumption	490 mA
Ambient Operating Temperature	–10 °C - +50 °C
Dimensions (W x H x D)	62 mm x 78 mm x 119 mm
Weight	340 g

MAJOR OPERATING CONTROLS & TERMINALS



① Camera Mounting Adapter
② 12V DC Input Terminal
③ Power Indicator
④ Video Output Connector
⑤ Camera Set Up Buttons
⑥ Lens Control Terminal
⑦ Alarm Output Terminal
⑧ Day/Night Input Terminal
⑨ A-D Control Input Terminal
⑩ RS-485 Data Input/Output Terminal
⑪ RS-485 2Wire/4Wire-Term Select Switch

APPEARANCE



Unit : mm

OPTIONAL COMPONENTS & ACCESSORIES

Digital Disk Recorders
WJ-HD316A (16ch)
WJ-HD309A (9ch)
WJ-HD220 (8ch)

System Controllers
WV-CU650
WV-CU360CJ

Matrix Systems
SYSTEM850
SYSTEM150

43.2cm (17") LCD AV Monitor
WV-LC1710

Important – Safety Precaution: carefully read the operating instructions and installation manual before using this product.
• Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

DISTRIBUTED BY:

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